

Message

From: Strynar, Mark [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=5A9910D5B38E471497BD875FD329A20A-STRYNAR, MARK]
Sent: 6/19/2017 2:17:51 PM
To: Libelo, Laurence [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=da33642e6438407daf4c35afe870046b-Libelo, Laurence]; Lindstrom, Andrew [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=04bf7cf26aa44ce29763fbc1c1b2338e-Lindstrom, Andrew]; Washington, John [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fdc3e8ce9f1d45c4894881ff420ca104-Washington, John]; Tobias, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7a575bb6b68848b08a7afacefe07f6b5-Tobias, David]; Roberts, Justin [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=19c28391cf434a2093bdfd06fb5b3f0d-Roberts, Justin]; Fehir, Richard [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=56ce2174dc074048b911b8d2bb635fa9-Fehir, Richard]
Subject: RE: GenX

I am not familiar with the perfluoro ether degradation literature. My understanding is there is not that much out there. Yes I would agree it is very complicated. Out MS data at sources show that.

I had do a 21 day study of GenX in soil. I intended to follow up with other perfluoroethers we have on hand to show no degradation occurs. I guess that is pressing stuff to do now.

Mark

From: Libelo, Laurence
Sent: Monday, June 19, 2017 9:47 AM
To: Strynar, Mark <Strynar.Mark@epa.gov>; Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; Washington, John <Washington.John@epa.gov>; Tobias, David <Tobias.David@epa.gov>; Roberts, Justin <Roberts.Justin@epa.gov>; Fehir, Richard <Fehir.Richard@epa.gov>
Subject: FW: GenX

Guys,

Have you read the perfluoro ether degradation literature? I am looking at the surface chemistry reactions and trying to understand possible sources of GENX and other fluoroethers. For example Ng et al 1995 and 1987.

It seems to me that the chemistry is WAY more complex then that of PFCAs and we really have no idea what is going on.

I am also looking at the patent literature for fluoro ethers. Most seem to be for medical gasses and there are a bunch aimed at preventing their degradation by Lewis acids, electrons and friction.

The more I read the less I think I understand.

Let's set up time to talk about sources, fate, reactions etc.

Laurence

From: Libelo, Laurence

Sent: Monday, June 19, 2017 8:55 AM

To: Schweer, Greg <Schweer.Greg@epa.gov>; Tobias, David <Tobias.David@epa.gov>; Roberts, Justin <Roberts.Justin@epa.gov>

Cc: Allison, Rose <Allison.Rose@epa.gov>

Subject: RE: GenX